

AMENDMENTS TO THE CLAIMS

The following represents a complete history of the claims including all amendments made by this paper.

1 (canceled).

2 (currently amended). A marine vessel-mounted concrete mixing and delivery system comprising:

- (a) a marine vessel having a deck elevated above the water line;
- (b) at least one rotary mixing drum mounted on said deck to receive concrete batch ingredients, mix and discharge mixed concrete batch ingredients; and
- (c) a concrete distribution system including a conveyor system for conveying mixed concrete batch material discharged from said one or more rotary mixing drums, said conveyor system conveying said discharge mixed concrete to a portion of said barge marine vessel accessible by an off-loading device not mounted on said barge marine vessel.

3 (currently amended). A marine vessel-mounted concrete mixing system as in claim 1 further comprising a pair of opposed rotary mixing drums disposed to discharge mixed concrete batch ingredients onto a common conveyor.

4 (currently amended). A marine vessel-mounted concrete mixing system as in claim 2 8 further comprising a pair of opposed rotary mixing drums disposed to discharge mixed concrete batch ingredients onto a common conveyor.

5 (currently amended). A marine vessel-mounted concrete mixing system as in claim 2 further comprising an elevated platform and a controllable discharge chute system at the end of said conveyor system for off loading mixed concrete material.

6 (currently amended). A marine vessel-mounted concrete mixing system as in claim 2 wherein said conveyor system includes a pair of conveyors including a first conveyor which feeds discharged mixed concrete material to a second conveyor wherein said second conveyor has an elevated mechanized discharge chute.

7 (currently amended). A marine vessel-mounted concrete mixing system as in claim 2 further comprising rotating discharge chute systems connected to said one or more mixing drums, said chute systems being capable of operating between discharge and cleanout positions.

8 (currently amended). A marine vessel-mounted concrete mixing system as in claim 7 including a gray water sump and wherein said rotating chute systems discharge into a said gray water sump in the cleanout position.

9 (currently amended). A marine vessel-mounted concrete mixing system as in claim 2 wherein said conveyor system further comprises a generally level first conveyor for receiving the output of said one or more rotary concrete mixing drums, said first conveyor, in turn, discharging onto a second conveyor having an elevated head pulley which leads to a controllable output chute for off-loading said mixed concrete.

10 (currently amended). A marine vessel-mounted concrete

mixing system as in claim 9 wherein said first conveyor further includes a conveyor feed hopper mounted above said conveyor for receiving material discharged from said one or more mixing drums, and a drip pan located beneath said conveyor for catching any spillage, and a gray water sump beneath said drip pan wherein said drip pan drains into a said gray water sump.

11 (currently amended). A marine vessel-mounted concrete mixing system as in claim 2 comprising a remote central control system center including means controls for controlling the operation of said one or more rotary concrete mixing drums and said conveyor system.

12 (currently amended). A marine vessel-mounted concrete mixing system as in claim 11 comprising a remote central control system center further including controls for operating associated swivel-mounted discharge chutes.

13 (canceled).

14 (currently amended). A marine vessel-mounted concrete mixing system as in claim 2 wherein said vessel is a barge.

15-16 (canceled).

17 (currently amended). A marine vessel-mounted concrete mixing system as in claim 12 wherein said control system is operated from a central control location.

18 (new). A marine vessel-mounted concrete mixing system as in claim 2 wherein the marine vessel is self-propelled.

19 (new). A marine vessel-mounted concrete mixing system as in claim 14 wherein the marine vessel is self-propelled.

20 (new). A method of supplying mixed concrete from a marine vessel comprising the steps of:

- (a) providing marine vessel-mounted concrete mixing and distribution systems as in claim 2;
- (b) supplying said concrete mixing system with ingredients to be mixed; and
- (c) operating said distribution system to off-load mixed concrete from said vessel; and
- (d) controlling said concrete mixing and distribution systems from a remote central control location.

21 (new). A method as in claim 20 wherein said concrete mixing system includes a plurality of mixing drums and including the step of discharging said drums sequentially.